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APPLICANT	Friedman et al.
FILING DATE	June 7, 1995
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U.S. PATENT DOCUMENTS

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m	<del></del>	RE 31.006	08/03/82	Schuurs et al.		_	
	AB	3,650,090	03/21/72	Temple et al.	1 =	+=	
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	AD	3,850,752	11/26/74	Schuurs et al.	1_	<del> </del>	<u> </u> 
	AE	4,016,043	04/05/77	Schuurs et al.	+=	<u> </u>	
	AF	4,179,337	12/18/79	Davis et al.	+		
	AG	4,341,761	07/27/82	Ganfield et al.	+		
	AH	4,342,566	08/03/82	Theofilopoulos et al.	+_		
	AI	4,399,121	08/16/83	Albarella et al.			
	AJ	4,427,783	01/24/84	Newman et al.	<del> </del>		
	AK	4,444,887	04/24/84	Hoffmann	-		
	AL	4,451,570	05/29/84	Royston et al.			
	AM	4,466,917	08/21/84	Nussenzweig et al.			
	AN	4,472,500	09/18/84	Milstein et al.			
	AO	4,491,632	01/01/85	Wands et al.			
	AP	4,493,890	01/15/85	Morris			
	AQ	4,631,211	12/23/86	Houghten			
	AR	4,650,764	03/17/87	Temin et al.		-	
	AS	4,816,567	03/28/89	Cabilly et al.		=+	
	AT	4,925,673	05/15/90	Steiner et al.		-+	
	AU	4,946,778	08/07/90	Ladner et al.			
$\sqrt{}$	AV	4,980,289	12/25/90	Temin et al.			
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	BB	5,399,346	03/21/95	Anderson et al.	-		
	BC	5,521,283	05/28/96	DiMarchi et al.			
	BD	5,532,336	07/02/96				
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, كسيلا Considine et al., 1995, J. Clin. Invest. 95:2986-8 BT Froguel et al., 1995, Trends in Biotech. 13:52-5 BU Funahashi et al., 1995, Biochem. Res. Communica. 211:469-75 BV Rentsch et al., 1995, Biochem. Biophy. Res. Communica. 214:131-6 BW Zhang et al., 1994, Nature 372:425-32 BX Bahary et al., 1993, Genomics 16:113-22 BY Bahary et al., 1993, Mammalian Genome 4: 511-5 BZ Leibel et al., 1993, Crit. Rev. Food Sci. Nutr. 33:351-8 CA Bahary et al., 1992, Genomics 13:761-9 CB Friedman and Leibel, 1992, Cell 69:217-20 CC Weigle et al., 1992, Pennington Cent. Nutr. Ser. 2:22-36 CD Friedman et al., 1991, Ann. NY Acad. Sci. 630:100-15 CE Friedman et al., 1991, Mammalian Genome 1:130-44 CF Friedman et al., 1991, Genomics 11:1054-62 CG Moll et al., 1991, Am. J. Hum. Genet. 49:1243-55 CH Truett et al., 1991, Proc. Natl. Acad. Sci. USA 88:7806-9 CI Walther et al., 1991, Genomics 11:424-34 CJ Bahary, 1990, Proc. Natl. Acad. Sci. USA 87:8642-6 CK Harris, 1990, FASEB J. 4:3310-8 CL Leibel et al., 1990, World Review of Nutrition and Dietetics, vol. 63 CM (Simopoulos, A.P. and Childs, B., eds.), pp. 90-101 Bray, 1989, Am. J. Clin. Nutr. 50:891-902 CN Harris et al., 1987, Diabetes 36:523-34 CO Bogardus et al., 1986, N. Engl. J. Med. 315:96-100 CP Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33 CQ Coleman, 1978, Diabetologia 14:141-8 CR CS Coleman, 1973, Diabetologia 9:294-8 im Hervey, 1959, J. Physiol. 145:336-52 СТ EXAMINER:

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ill	<del>"  </del>	Lett. 17:52			
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<b> </b>	CM	risjet and Garten Pharm. Res., 7(6):565-569 (1990)			
<b> </b> -	CX	Adjei et al. Int. J. Pharm., 63:135-144 (1990).			
<u> </u>	CY	Albertsen et al. Proc. Natl. Acad. Sci. USA, 87:4256-4260 (June 1990).			
	· CZ	Anand et al. Nucl. Acids Res., 18(8):1951-1956 (1990).			
ļ	DA	Anand et al. Nucl. Acids Res., 17(9):3425-3433 (1989).			
	DB	Ashwell et al. Proc. R. Soc. Lond., 195:343-353 (1977).			
	DC	Bachmann et al. Bacteriol. Rev., 40:116-167 (1976).			
	DD	Bahary et al. Genomics, 11:33-47 (1991).			
	DE	Bahary et al. Proc. Nat. Acad. Sci. USA, 87:8642-8646 (November 1990).			
	DF	Baura et al. J. Clin. Invest., 92:1824-1830 (October 1993).			
	DG	Bax and Davis, J. Magn. Reson., 65:355-360 (1985).			
	DH	Beavis and Chait, <i>Proc. Natl. Acad. Sci. USA</i> , 87:6873-6877 (1990).			
	DI	Becker et al. (1995) FEBS lett. 371:324-8			
	DJ	Benton and Davis, Science, 196:180 (1977).			
	DK	Blank et al., Mammalian Genome, 1:S51-S78 (1991).			
	DL	Bogardus et al., Diabetes, 35:1-5 (January 1986).			
	DM	Braquet et al., Journal of Cardiovascular Pharmacology, 13(suppl. 5):S143-S146 (1989).			
	DN	Bray and Campfield, Metabolism, 24(1):99-117 (January 1975).			
	DO	Buchwald et al., Surgery, 88:507-516 (October 1980).			
	DP	Cech, J. Am. Med. Assoc., 260(20):3030-3034 (November 25, 1988).			
	DQ	Chirgwin et al., Biochem., 18:5294-5299 (1979).			
1	DR	Chou and Fasman, Biochem., 13(2):222-245 (1974).			
um	DS	Cohen et al., Protein Science, 4:1088 (1995).			
AMINER:	11)	M (1995).			
(444)	UV	DATE CONSIDERED: // 25/ OC			

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DT   Cole et al in Monoclonal A	ntihodies and Come	

	170	- n	Cole et al., in Manaclanal Artification 1.
lu		DT	Cole et al., in Monoclonal Antibodies and Cancer Therapy, pp. 77-96, Alar R. Liss, Inc., (1985).
		DU	Considine et al., N. Engl. J. Med., 334:292-295 (February 1, 1996).
	DV		Cote et al., Proc. Natl. Acad. Sci. USA, 80:2026-2030 (April 1983).
		DW	Cwirla et al., Proc. Natl. Acad. Sci. USA, 87:6378-6382 (August 1990).
		DX	Dani et al., J. Biol. Chem., 264(17):10119-10125 (June 15, 1989).
		DY	Dani et al., in Obesity in Europe vol 88, pp. 371-376, Bjorntorp and Rossner, Eds., John Libbey Company Ltd., London, England (1989).
		DZ	Dani et al., Mol. Cell. Endocrinol., 63:199-208 (1989).
		EA	Dausset et al., Behring Inst. Mitt., 91:13-20 (1992).
	Ţ	EB	De Vos et al., J. Biol. Chem. 270(27) 15050
	Ti	EC	De Vos et al., J. Biol. Chem., 270(27):15958-15961 (July 7, 1995).  Debons et al., Fed. Proc., 36:143-147 (1977).
	I	ΞD	Debs et al., J. Immunol., 140(10):3482-3488 (May 15, 1988).
	E	EE	During et al., Ann. Neurol., 25:351 (1989).
	E	EF	Edge, Nature, 292:756 (August 20, 1981).
	E	G.	Ellman, Arch. Biochem. Biophys., 82:70-77 (1959).
·	E	H	Engstom, Biochem. Exp. Biol., 11:7-13 (1974).
	E	I	Faust et al., Am. J. Physiol., 235:E279-E286 (1978).
T	E	J	Faust et al., Science, 197:393-396 (July 22, 1977).
$\neg$	E	K I	Felgner et al., Proc. Nort. April 5 : 7577).
1	E	LF	Felgner et al., Proc. Natl. Acad. Sci. USA, 84:7413-7417 (1987).
7	E	1 F	Francis, Focus on Growth Factors, 3:4-10 (1992).
1	EN	J F	Frederich et al., J. Clin. Invest., 96:1658-1663 (September 1995).
T	EC		Gerfroy et al. Genomics 28.002 (2014).
	EP	d	Geffroy et al., Genomics, 28:603-604 (1995).
	EQ	G	Geysen et al., Molecular Immunology, 23(7):709-715 (1986).
Cun	ER		eysen et al., J. Immunologic Method, 102:259-274 (1987).
AMINER:	=	1	oodson, in Med. Applica. of Controlled Release, vol. 2, pp.115-38 (1984).
		11/1	

EXAMINER: DATE CONSIDERED: 4-24.06

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

(Part A), pp. 192-210, Adolph ed., Academic Press, Inc., San Diego (1993)  ET Green and Green, PCR Methods Applic., 1:77-90 (1991).  EU Green and Olson, Proc. Natl. Acad. Sci. USA, 87:1213-7 (February 1990).  EW Green et al., Genomics, 25:170-183 (1995).  EW Green et al., Hum. Mol. Genet., 3(3):489-501 (1994).  EX Green et al., Genomics, 11:548-564 (1991).  EY Green et al., Genomics, 11:548-564 (1991).  EY Green et al., Genome Research, 5:5-12 (1995).  EZ Green et al., Genome Research, 5:5-59-597 (1986).  FA Grunstein and Hogness, Proc. Natl. Acad. Sci. USA, 72(10):3961 (1975).  FB Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).  FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FI Howard et al., J. Neurosurg., 71:105-112 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  Keesey, in Association for Research in Nervous and Mental Disease, pp.  87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		11	Including Author, Title, Date, Portions F
ET Green and Green. PCR Methods Applic., 1:77-90 (1991).  EU Green and Olson, Proc. Natl. Acad. Sci. USA, 87:1213-7 (February 1990).  EV Green et al., Genomics, 25:170-183 (1995).  EW Green et al., Hum. Mol. Genet., 3(3):489-501 (1994).  EX Green et al., Genome Research, 5:5-12 (1995).  EZ Green et al., Genome Research, 5:5-12 (1995).  EZ Green et al., Annu. Rev. Biochem., 55:569-597 (1986).  FA Grunstein and Hogness, Proc. Natl. Acad. Sci. USA, 72(10):3961 (1975).  FB Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).  FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FJ Izant and Weintraub Cell., 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  Keesey, in Association for Research in Nervous and Mental Disease, pp.  87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).	V	W E	
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EW Green et al., Hum. Mol. Genet., 3(3):489-501 (1994).  EX Green et al., Genomics, 11:548-564 (1991).  EY Green et al., Genome Research, 5:5-12 (1995).  EZ Green et al., Annu. Rev. Biochem., 55:569-597 (1986).  FA Grunstein and Hogness, Proc. Natl. Acad. Sci. USA, 72(10):3961 (1975).  FB Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).  FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FN Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  KAPPING AND	-	Et	Green and Olson, Proc. Natl. Acad. Sci. USA 87:1213 7 (7)
EW Green et al., Hum. Mol. Genet., 3(3):489-501 (1994).  EX Green et al., Genomics, 11:548-564 (1991).  EY Green et al., Genome Research, 5:5-12 (1995).  EZ Green et al., Annu. Rev. Biochem., 55:569-597 (1986).  FA Grunstein and Hogness, Proc. Natl. Acad. Sci. USA, 72(10):3961 (1975).  FB Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).  FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FJ Lant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  KAPITER ST., 109-101.  FP Keesey, in Association for Research in Nervous and Mental Disease, pp.  87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		Εſ	Green et al., Genomics, 25:170-183 (1995)
EX		EW	Green et al., Hum. Mol. Genet., 3(3):489-501 (1004)
FY   Green et al., Genome Research, 5:5-12 (1995).		EX	Green et al., Genomics, 11:548-564 (1991)
FA Grunstein and Hogness, Proc. Natl. Acad. Sci. USA, 72(10):3961 (1975).  FB Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).  FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		EY	Green et al., Genome Research 5:5-12 (1995)
### FB Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).  #### FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  ###################################		EZ	Green et al., Annu. Rev. Biochem. 55:560 503 (1993).
FC Harris, Diabetes Care, 14(7):639-648 (July 1991).  FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FA	Grunstein and Hogness, Proc. Natl. April 6, 1750
FD Harris et al., Int. J. Obes., 11:275-283 (1987).  FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FB	Hambor et al., J. Exp. Med. 168:1337 1045 (2)
### Harris et al., Int. J. Obes., 11:275-283 (1987).  ###################################	Ш	FC	Harris, Diabetes Care, 14(7):630,640,67
FE Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).  FF Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).  FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FD	Harris et al., Int. I Obes 11:275 202 (1991).
Food et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).   FG		FE	Heng et al., Cytogenet Call Co., (2003).
FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).	1	FF	Hood et al., in Immunology = 201.
FG Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).  FH Howard et al., J. Neurosurg., 71:105-112 (1989).  FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).	<del>                                     </del>		
FI Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).  FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).	<del>-  </del>	FG	Hopp and Woods, Proc. Natl. Acad. Sci. USA 78(6):3934 3939 (7)
FJ Izant and Weintraub Cell, 36:1007-1015 (April 1984).  FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FH	Howard et al., J. Neurosurg., 71:105-112 (1980)
FK Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FI	Hubbard et al., Annals of Internal Medicine, 3(3),206,010,400
FL Jay et al., J. Biol. Chem., 260(30):16250-16254 (1985).  FL Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).  FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FJ	Izant and Weintraub Cell. 36:1007-1015 (April 1004).
FM Johnson and Gross, FASEB J., 7:678-686 (1983).  FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FK	Jacobsson et al., J. Biol. Chem. 260(30):16250 16251
FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FL	Jay et al., J. Biol. Chem., 259(10):6311-6317 (25)
FN Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).  FO Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  FP Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FM	Johnson and Gross, FASER 1, 7:678, 696 (1992)
Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).  Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FN	Johnson and Hirsch, J. Lipid Res. 12-2 11 (2020)
Reesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).		FO	Kaplitt et al., Molec Cell Neurosci 2000
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<b> </b>	FU	Langer et al., J. Macromol. Sci. Rev. Macromol. Cham. 22 Ct. 12
<b></b>	F	W. Engl. J. Wed., 332(10):621-628 (March 0, 1005)
	FW	124(2):912-922 (1989)
	FX	Connews et al., Nature Med., 1(9):950-952 (September 1005)
	FY	MacDougaid et al., Proc. Natl. Acad. Sci USA 92:9034 0027 (1995)
	FZ	t. at., Froc. Natl. Acad. Sci. USA, 85:8027-8031 (1990)
	GA	Madej et al., PEBS Lett., 373:13-18 (1995)
	GB	Maffei et al., Proc. Natl. Acad. Sci. USA, 92:6957-6960 (July 1995).
	GC	Maffei et al., Nature Med., 1(11):1155-1161 (November 1995).
	GD	Malik et al., Exp. Hematol., 20:1028-1035 (1992).
	GE	Mann et al., Cell, 33:153-159 (May 1983).
	GF	Marcus-Sekura, Anal. Biochem., 172:289-295 (1988).
	GG	Marion et al. Biochem Biophys Res C.
	GH	Marion et al. Biochem. Biophys. Res. Comm., 113(3):967-974 (1983).  Markowitz et al., J. Virol., 62(4):1120-1124 (April 1988).
	GI	Marshall, in Modern Pharmacoutics Cl.
	GJ	Marshall, in Modern Pharmaceutics, Chapter 10, Banker et al. ed., (1979).  Masuzaki et al., Diabetes, 44:855-858 (July 1995).
	GK	Murakami et al. Riochem Bion.
	GL	Murakami et al., Biochem. Biophys. Res. Comm., 214(3):1260-7 (1995).
	GM	170c. Wall. Acad. Sci. USA, 90:10700 10704 (1995)
	GN	Neuberger et al., Nature, 312:604-608 (December 1984).
1.	GO	Newmark et al., J. Appl. Biochem., 4:185-189 (1982).
itul	GP	Ogawa et al., J. Clin. Invest., 96:1647-1652 (September 1995).
MINER:		Pardridge, Endocrine Reviews, 7(3):314-330 (1986).
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-			<b></b>	Saudek et al., N. Eng Schaeren-Wiemers et	7 1 1	101 200	-3828 (Se	ptembe	er 1989).	
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- 1	Γ	$\neg$	GX	Sefton, CRC Crit. Ref	f. Bion	ned. Eng	14(3)-20	31-440	(1993).	
	7	$\dashv$		Smith and Johnson, Ge	ene. 6	7:31-40 (1)	14(3):20	1-240	(1987).	
-		+		Smith et al., J. Clin I.		10 (1)	208).			
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			117	ayhurn et al., FEBS Le	211 36	9.400	(1995).			
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	$\rightarrow$		Pp.	353-365, Lopez-Rerest	in the	Therapy of	Infection	us D:		
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